

**From:** [Carolyn Bury](#)  
**To:** [Bury, Carolyn](#)  
**Subject:** Fw: CMS Report Topics  
**Date:** Wednesday, March 04, 2015 1:03:40 PM  
**Attachments:** [20100806163251505.pdf](#)

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----- Forwarded by Carolyn Bury/R5/USEPA/US on 03/04/2015 12:28 PM -----

From: Michael PINTO <[michael.pinto@total.com](mailto:michael.pinto@total.com)>  
To: Carolyn Bury/R5/USEPA/US@EPA,  
Cc: "Swanson, Peter" <[pswanson@croworld.com](mailto:pswanson@croworld.com)>  
Date: 08/06/2010 03:51 PM  
Subject: RE: CMS Report Topics

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Carolyn,

Pete Swanson from CRA is on vacation, but I'll try to answer your questions in his absence. I can verify these answers when Pete returns next week.

- 1) This is difficult to determine but based on the fact that we are recovering DNAPL I think we can assume that the Halowax Area groundwater collection and treatment system will operate for the CERCLA default period of 30 years.
  
- 2) IRM monitoring wells 1, 2, and 3 are not on the river side of the sheet pile wall. The river runs right along the wall as shown in the attached pictures. As I think the pictures demonstrate, it's not really possible to monitor groundwater outside of the wall, only surface water. Pore water monitoring, if it could be done below the substantial rip rap place, at the toe of the wall (under water), would not really provide any meaningful data regarding the effectiveness of the wall, since we already know that site related compounds are present in the river sediments along the Halowax area. The wall constructed with a water tight joint sealant (Adeka) designed to provide a containment system with a hydraulic conductivity of  $10^{-10}$  cm/sec. Please let me know if I misunderstood your question.
  
- 3) The chloroform plant was formerly in Building 12.

I'm in all next week if you want to give me a call to discuss any questions.

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**From:** Bury.Carolyn@epamail.epa.gov [<mailto:Bury.Carolyn@epamail.epa.gov>]  
**Sent:** Friday, August 06, 2010 3:14 PM  
**To:** Michael PINTO  
**Subject:** CMS Report Topics

Hi Mike,

Three items for now:

- 1) Regarding groundwater corrective measure Alternative No 1, please provide an estimate of number of years that the Area 17 IRM would be operating.
- 2) Area 17 IRM - In addition to collecting data from MW-025 (per earlier email and discussion) IRM-MW-1, IRM-MW-2 and IRM-MW-03 should be sampled to monitor the effectiveness of the system. Wells 2 and 3 are on the river side of the sheet pile wall and collection system, correct? We would likely require routine monitoring of all three wells as long as the system is operating.
- 3) You mentioned that MW-17 was near the "chloroform plant." I couldn't find a SWMU so named, so one of the buildings must be what you were referring to (?). What number building was that?

Thanks.

Carolyn

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